

Project description

Project manager – Fast analysis system

Every pulse is analysed in pulsed-pulse machines. So far, a system consisting of a PC, measuring card and self-written software was available. This system was not suitable for industrial use.

My team and I developed special hardware with an industrial partner. An algorithm developed by me in the new software guaranteed a more efficient evaluation. The new system has been extensively and successfully tested and is now being used industrially.

Objectives and key figures



- ✓ Analysis system is used in all customer facilities
- ✓ Hardware and software developed
- ✓ Manufacturing costs within budget
- ✓ Robust evaluation algorithm developed
- ✓ External development partner without exclusivity rights
- ✓ Detailed specifications defined (49 sections)
- ✓ Final test after ten months of development



November 2009 – December 2010



Budget 200'000 CHF



Five team members



Mechanical engineering and electrical industry

